

Amendment under 37 C.F.R. § 1.111
U.S. Application No. 09/977,197

09/977197
part 8
11

IN THE ABSTRACT:

Please delete the present Abstract of the Disclosure and replace it with the following new Abstract of the Disclosure.

Provided is an ink-jet recording head that prevents a vibration plate thereof from damage attributed to drive of a piezoelectric element, and an ink-jet recording apparatus. There are provided within a region facing the pressure generating chamber, a piezoelectric active portion, and a piezoelectric non-active portions, the piezoelectric non-active portions being provided on both end portions of the piezoelectric active portion in a longitudinal direction thereof. An electrode wiring is drawn out of an upper electrode which is provided on one end portion in the longitudinal direction of the pressure generating chamber. There is also provided a protection layer on the other end portion in the longitudinal direction of the pressure generating chamber for protecting the vibration plate. Rigidity of the vibration plate is thereby increased.